GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:66
ANSWERED ON:16.11.2016
Production of Atomic Energy
Kumar Shri Kaushalendra;Nishank Dr. Ramesh Pokhriyal

Will the Minister of ATOMIC ENERGY be pleased to state:

(a)the current production of Atomic energy in the country and the target fixed therefor for the next ten years;

(b)whether it is more economical in comparison to other power/energy and if so, the details thereof;

(c)the strategy adopted to ensure the safety and security of the Atomic energy stations;

(d)the countries with which agreements have been concluded to boost research and development in the field of Atomic energy; and

(e)the steps taken to promote capacity building and skill development in the field of Atomic technology in the country?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a)The generation of electricity from nuclear power in the current year (2016-17) upto October 2016 has been 22347 MUs. The target for the current year is 36000 MU. Targets for generation are finalised on an annual basis. So the targets for next ten years have not been fixed.

(b)Nuclear power tariffs in India are comparable to those of other contemporary base load electricity generating plants.

(c)Nuclear power plants are sited, designed, constructed and operated to the highest safety standards. Nuclear power plants are designed using principles of redundancy, diversity and adopting a defence-in-depth approach, constructed to highest quality standards and operated strictly in line with approved procedures by trained and licensed personnel. There is also a robust regulatory mechanism in place. The overall philosophy of security and the principles and procedures governing the functioning of the security units in nuclear power plants are laid down in the AERB manual on nuclear security. The security surveillance / monitoring at the nuclear power plant stations in the country is carried out by the Central Industrial Security Force (CISF).

(d)Some of the major countries with which agreements have been concluded to boost research and development in the field of Atomic Energy are USA, Russia, France, UK, Australia, Republic of Korea, Canada and Czech Republic.

(e)DAE has established dedicated multi-discipline capacity building and skill development centers at multiple locations in the field of nuclear science and technology.

*****